

AMENDMENT

Please amend the application without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents.

In the Claims

1-28. (Cancelled)

29. (Previously presented) The DNA molecule of claim 34, wherein the first primer consists of the nucleotide sequence of SEQ ID NO:11, and wherein the second primer consists of the nucleotide sequence of SEQ ID NO:12.

30. (Previously presented) A DNA molecule consisting of nucleotides 286 to 487 of SEQ ID NO:6.

31. (Previously presented) A detection kit comprising the DNA of claim 34.

32. (Cancelled)

33. (Cancelled)

34. (Previously presented) A DNA molecule produced by polymerase chain reaction (PCR) from a nucleic acid sample of corn comprising elite event GAT-ZM1, using a set of primers comprising a first and second primer, wherein:

a) said first primer consists of a sequence of 15 to 30 nucleotides within SEQ ID NO:6 from position 1 to position 341 or the complement thereof and wherein said second primer consists of a sequence of 15 to 30 nucleotides within SEQ ID NO:6 from position 342 to position 1041 or the complement thereof, or

b) said first primer consists of a sequence of 15 to 30 nucleotides within SEQ ID NO:10 from position 343 to position 484 or the complement thereof, and said second primer consists of a sequence of 15 to 30 nucleotides within SEQ ID NO:10 from position 1 to position 342 or the complement thereof;

wherein PCR conditions with a thermocycling profile are as follows:

(i) 4 min at 95°C; followed by

(ii) 1 min at 95°C, 1 min at 57°C, 2 min at 72°C for 5 cycles; followed by

(iii) 30 seconds at 92°C, 30 seconds at 57°C, 1 min at 72°C for 25 cycles, followed by

(iv) 5 minutes at 72°C;

wherein the sequence of said DNA molecule comprises (i) nucleotides 286 to 487 of SEQ ID NO:6 or (ii) SEQ ID NO:10.

35. (Currently amended) An isolated DNA molecule comprising a nucleotide sequence selected from (i) a nucleotide sequence comprising nucleotides 286-466 ~~starting from a nucleotide between positions 1 and 286 of SEQ ID NO:6 and ending at a nucleotide between positions 487 and 1041 of SEQ ID NO:6~~ and (ii) SEQ ID NO:10.

36. (Previously presented) The DNA molecule of claim 35 comprising the nucleotide sequence of SEQ ID NO:6.